



6544200 Sequence Listing.ST25.txt
SEQUENCE LISTING

<110> Persson, Egon
Olsen, Ole Hvilsted

<120> Human Coagulation Factor VII Polypeptides

<130> 6544.200-US

<140> 10/669,537

<141> 2003-09-24

<150> Danish Application No. PA 2002 01423

<151> 2002-09-25

<150> US 60/417,927

<151> 2002-10-11

<160> 13

<170> PatentIn version 3.2

<210> 1

<211> 406

<212> PRT

<213> Human

<220>

<221> MISC_FEATURE

<222> (1)..(406)

<223> Xaa=carboxyglutamic acid (gamma-carboxyglutamate)

<400> 1

Ala Asn Ala Phe Leu Xaa Xaa Leu Arg Pro Gly Ser Leu Xaa Arg Xaa
1 5 10 15

Cys Lys Xaa Xaa Gln Cys Ser Phe Xaa Xaa Ala Arg Xaa Ile Phe Lys
20 25 30

Asp Ala Xaa Arg Thr Lys Leu Phe Trp Ile Ser Tyr Ser Asp Gly Asp
35 40 45

Gln Cys Ala Ser Ser Pro Cys Gln Asn Gly Gly Ser Cys Lys Asp Gln
50 55 60

Leu Gln Ser Tyr Ile Cys Phe Cys Leu Pro Ala Phe Glu Gly Arg Asn
65 70 75 80

Cys Glu Thr His Lys Asp Asp Gln Leu Ile Cys Val Asn Glu Asn Gly
85 90 95

Gly Cys Glu Gln Tyr Cys Ser Asp His Thr Gly Thr Lys Arg Ser Cys
100 105 110

6544200 Sequence Listing.ST25.txt

Arg Cys His Glu Gly Tyr Ser Leu Leu Ala Asp Gly Val Ser Cys Thr
 115 120 125
 Pro Thr Val Glu Tyr Pro Cys Gly Lys Ile Pro Ile Leu Glu Lys Arg
 130 135 140
 Asn Ala Ser Lys Pro Gln Gly Arg Ile Val Gly Gly Lys Val Cys Pro
 145 150 155 160
 Lys Gly Glu Cys Pro Trp Gln Val Leu Leu Leu Val Asn Gly Ala Gln
 165 170 175
 Leu Cys Gly Gly Thr Leu Ile Asn Thr Ile Trp Val Val Ser Ala Ala
 180 185 190
 His Cys Phe Asp Lys Ile Lys Asn Trp Arg Asn Leu Ile Ala Val Leu
 195 200 205
 Gly Glu His Asp Leu Ser Glu His Asp Gly Asp Glu Gln Ser Arg Arg
 210 215 220
 Val Ala Gln Val Ile Ile Pro Ser Thr Tyr Val Pro Gly Thr Thr Asn
 225 230 235 240
 His Asp Ile Ala Leu Leu Arg Leu His Gln Pro Val Val Leu Thr Asp
 245 250 255
 His Val Val Pro Leu Cys Leu Pro Glu Arg Thr Phe Ser Glu Arg Thr
 260 265 270
 Leu Ala Phe Val Arg Phe Ser Leu Val Ser Gly Trp Gly Gln Leu Leu
 275 280 285
 Asp Arg Gly Ala Thr Ala Leu Glu Leu Met Val Leu Asn Val Pro Arg
 290 295 300
 Leu Met Thr Gln Asp Cys Leu Gln Gln Ser Arg Lys Val Gly Asp Ser
 305 310 315 320
 Pro Asn Ile Thr Glu Tyr Met Phe Cys Ala Gly Tyr Ser Asp Gly Ser
 325 330 335
 Lys Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro His Ala Thr His Tyr
 340 345 350
 Arg Gly Thr Trp Tyr Leu Thr Gly Ile Val Ser Trp Gly Gln Gly Cys
 355 360 365

6544200 Sequence Listing.ST25.txt

Ala Thr Val Gly His Phe Gly Val Tyr Thr Arg Val Ser Gln Tyr Ile
370 375 380

Glu Trp Leu Gln Lys Leu Met Arg Ser Glu Pro Arg Pro Gly Val Leu
385 390 395 400

Leu Arg Ala Pro Phe Pro
405

<210> 2
<211> 25
<212> DNA
<213> Artificial

<220>
<223> synthetic

<400> 2
cgtgccccgg gtgatgacc aggac 25

<210> 3
<211> 25
<212> DNA
<213> Artificial

<220>
<223> synthetic

<400> 3
gtcctgggtc atcaccggg gcacg 25

<210> 4
<211> 28
<212> DNA
<213> Artificial

<220>
<223> synthetic

<400> 4
cggatggcag cgcggactcc tgcaaggg 28

<210> 5
<211> 28
<212> DNA
<213> Artificial

<220>
<223> synthetic

<400> 5
cccttgagg agtccgcgct gccatccg 28

<210> 6
<211> 28

6544200 Sequence Listing.ST25.txt

```

<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 6
gtggggggca aggactgccc caaagggg                28

<210> 7
<211> 28
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 7
cccctttggg gcagtccttg ccccccac                28

<210> 8
<211> 36
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 8
gccacggccc tgggtgctcca ggtcctcaac gtgccc        36

<210> 9
<211> 36
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 9
gggcacgttg aggacctgga gcaccagggc cgtggc        36

<210> 10
<211> 32
<212> DNA
<213> Artificial

<220>
<223> Synthetic

<400> 10
gcctgcagca ggaacggaag gtgggagact cc            32

<210> 11
<211> 32
<212> DNA
<213> Artificial

```

6544200 Sequence Listing.ST25.txt

<220>

<223> Synthetic

<400> 11

ggagtcctccc accttccggt cctgctgcag gc

32

<210> 12

<211> 31

<212> DNA

<213> Artificial

<220>

<223> Synthetic

<400> 12

cgcaaccgtg ggccactatg ggggtgtacac c

31

<210> 13

<211> 31

<212> DNA

<213> Artificial

<220>

<223> Synthetic

<400> 13

gggtgtacacc ccatagtggc ccacggttgc g

31